

FILE 'HOME' ENTERED AT 13:56:33 ON 28 FEB 2006

=> fil medline biosis caplus embase wpids
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 13:56:56 ON 28 FEB 2006

FILE 'BIOSIS' ENTERED AT 13:56:56 ON 28 FEB 2006
Copyright (c) 2006 The Thomson Corporation

FILE 'CAPLUS' ENTERED AT 13:56:56 ON 28 FEB 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'EMBASE' ENTERED AT 13:56:56 ON 28 FEB 2006
Copyright (c) 2006 Elsevier B.V. All rights reserved.

FILE 'WPIDS' ENTERED AT 13:56:56 ON 28 FEB 2006
COPYRIGHT (C) 2006 THE THOMSON CORPORATION

=> (ligand or receptor or signal) same ((N adj formyl adj (peptide or peptide)) or
(formyl adj (peptide or peptide)))
UNMATCHED RIGHT PARENTHESIS 'PEPTIDE))'
The number of right parentheses in a query must be equal to the
number of left parentheses.

=> (ligand or receptor or signal) and ((N (w) formyl (w) (peptide or peptide)) or
(formyl (w) (peptide or peptide)))
L1 3295 (LIGAND OR RECEPTOR OR SIGNAL) AND ((N (W) FORMYL (W) (PEPTIDE
OR PEPTIDE)) OR (FORMYL (W) (PEPTIDE OR PEPTIDE)))

=> ring and metathesis
L2 9025 RING AND METATHESIS

=> l1 and l2
L3 1 L1 AND L2

=> d ibib abs l3

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:629956 CAPLUS

TITLE: Effects of **receptor** oligomerization on
N-formyl peptide

receptor: A model of G-protein coupled
receptor signaling

AUTHOR(S): Lamanna, Allison C.; Brown, Steven D.; Kiessling,
Laura L.

CORPORATE SOURCE: Department of Biochemistry, University of
Wisconsin-Madison, Madison, WI, 53706, USA

SOURCE: Abstracts of Papers, 226th ACS National Meeting, New
York, NY, United States, September 7-11, 2003 (2003),
BIOL-088. American Chemical Society: Washington, D.
C.

CODEN: 69EKY9

DOCUMENT TYPE: Conference; Meeting Abstract

LANGUAGE: English

AB **N-Formyl peptide receptor** (FPR) is

a heptahelical transmembrane G-protein coupled **receptor** (GPCR)

that is found on the surface of neutrophils, where it is active in

chemotaxis and phagocytosis. Recent studies suggest that GPCRs can homo- or hetero-oligomerize. Here, we demonstrate that **ring** opening **metathesis** polymerization (ROMP)-derived ligands for FPR can alter the signals and biol. responses produced upon FPR activation. Multivalent ligands enhance **signal** induction through FPR, at both the intracellular signaling level and the behavioral level. Polymeric ligands of varying lengths differentially affect the downregulation of FPR signaling. These data suggest that oligomerization of this GPCR by multivalent ligands can change **signal** output. We anticipate that multivalent ligands will be useful both for studying the importance of oligomerization and modulating responses mediated by GPCRs.

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
37.77	37.98

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.75	-0.75

CA SUBSCRIBER PRICE

FILE 'STNGUIDE' ENTERED AT 13:59:14 ON 28 FEB 2006
 USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
 COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Feb 24, 2006 (20060224/UP).

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.06	38.04

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-0.75

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES
 STN INTERNATIONAL SESSION SUSPENDED AT 14:00:04 ON 28 FEB 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1639MLS

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 6 DEC 14 CA/CAPLUS to be enhanced with updated IPC codes
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPLUS with the
IPC reform
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
USPAT2
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
INPADOC
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 13 JAN 30 Saved answer limit increased
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency
added to TULSA
NEWS 15 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist
visualization results
NEWS 16 FEB 22 Status of current WO (PCT) information on STN
NEWS 17 FEB 22 The IPC thesaurus added to additional patent databases on STN
NEWS 18 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS 19 FEB 27 New STN AnaVist pricing effective March 1, 2006

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *